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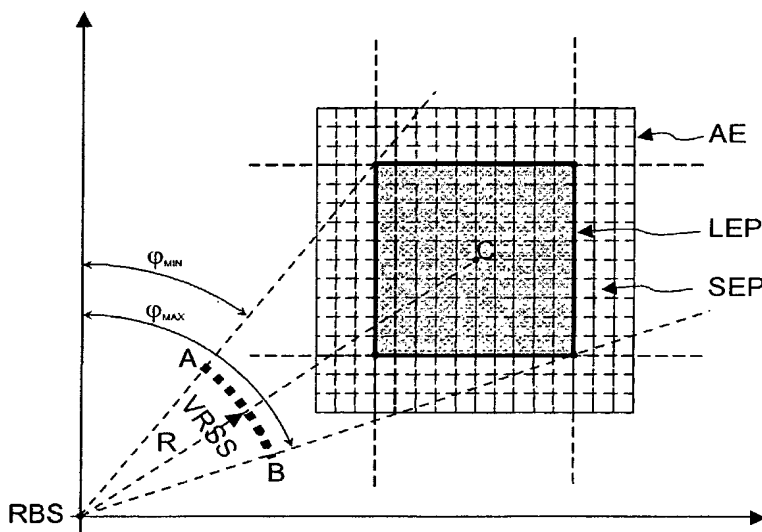
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(54) Title: METHOD AND SYSTEM FOR RADIO COVERAGE PLANNING WITH LOCAL DOUBLE GRID APPROACH



(57) **Abstract:** A method for planning a radiocommunications network comprises computing cell coverage in turn including dividing a region around a radio base station (RBS) into a number of large environment pixels (LEP), for each large environment pixel (LEP), computing a first quantity indicative of the coverage within the large environment pixel (LEP), dividing each large environment pixel (LEP) into a number of small environment pixels (SEP), and, for each small environment pixel (SEP), computing a second quantity indicative of the coverage within the small environment pixel (SEP), wherein each second quantity is computed for the respective small environment pixel (SEP) as a function of the first quantity computed for the large environment pixel (LEP) containing the small environment pixel (SEP), and of data describing the environment within the small environment

pixel (SEP) and within small environment pixels (SEP) within the large environment pixel (LEP) and arranged upstream the small environment pixel (SEP) along a radioelectric signal propagation path passing through the small environment pixel (SEP).

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